

Amendments to the Claims:

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16 (canceled)

17. (currently amended) A process for extracting oxygenates from a hydrocarbon stream containing a range of hydrocarbons in the C₈ to C₁₆ range, the process including a liquid-liquid extraction step of contacting the hydrocarbon stream with a solvent comprising a mixture of methanol and water to extract the oxygenates from the hydrocarbon stream,

wherein an extract from the liquid-liquid extraction step is sent to a solvent recovery column in which the methanol does not form an azeotrope, and from which a tops product comprising methanol, olefins and paraffins is recycled to the liquid-liquid extraction step, thereby enhancing the overall recovery of olefins and paraffins.

18. (previously presented) The process according to claim 17, wherein an aqueous phase of a bottoms product from the solvent recovery column is recycled to the extraction step.
19. (previously presented) The process according to claim 17, wherein the liquid-liquid extraction step takes place in an extraction column.
20. (previously presented) The process according to claim 17, wherein the solvent introduced to the liquid-liquid extraction step has a water content of more than 3% by weight.
21. (previously presented) The process according to claim 20, wherein the solvent has a water content of from 5% - 15% by weight.

22. (previously presented) The process according to claim 17, wherein the olefin/paraffin ratio of the hydrocarbon stream is substantially preserved after the extraction step.
23. (previously presented) The process according to claim 19, wherein a raffinate from the extraction column is sent to a stripper column from which a hydrocarbon feed stream containing more than 90% by weight olefins and paraffins and less than 0.2% by weight oxygenates exits as a bottoms product.
24. (previously presented) The process according to claim 23, wherein the bottoms product contains less than 0.02% by weight oxygenates.
25. (previously presented) The process according to claim 17, wherein the recovery of olefins and paraffins over the oxygenate extraction step is greater than 70%.
26. (previously presented) The process according to claim 25, wherein the recovery of olefins and paraffins over the oxygenate extraction step is greater than 80%.
27. (previously presented) The process according to claim 17, wherein the solvent recovery column includes an extract inlet, an upper overhead outlet and a lower bottoms outlet, with a side-draw located above the extract feed point and below the overheads outlet.
28. (previously presented) The process according to claim 17, wherein the hydrocarbon stream is the fractionated condensate product from a low temperature Fischer-Tropsch reaction.
29. (previously presented) The process according to claim 17, wherein the hydrocarbon stream contains 5 – 15% by weight oxygenates.

30. (previously presented) The process according to claim 17, wherein the fractionated hydrocarbon condensate product is in the C₁₀ to C₁₃ range.